Preliminary Lists of
New England Plants -

Letters relating to my Lists in
Rhodora - W. Deane -

WALTER DEANE,
29 BREWSTER STREET,
CAMBRIDGE, MASS.

KALMIA LATIFOLIA IN VERMONT. — Through the kindness of Prof. L. R. Jones, of the University of Vermont, I have been enabled to see specimens of the Mountain Laurel from two localities in his State: Pownal, where Mr. W. W. Eggleston collected the plant on West Mountain, July 24, 1898; and Newfane, where the species was taken on the banks of West River, June, 1894. Prof. Jones tells me that he has seen the plant near Brattleboro. Dr. A. J. Grout also reports it as abundant at Newfane and Dummerston.

The space devoted to this plant in my list in RHODORA, Vol. I, No. 5, can now be filled with a cross. — WALTER DEANE.

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× following a reference means that I have seen the plant.

Umbelliferae.

15 **Daucus Carota, L.**

+ Me. Hb. Deane (x):

+ N.H. Rpt by W.D: Fl. Hanover N.H. - H.S. Jesup.

+ Vt. Fl. of Vermont - Perkins: Hb. W.D. (x)

+ Mass. Hb. Deane (x):

+ R.I. Hb. N.E. Bot. Club (x):

+ Conn. Fl. Conn. J.N. Bishop: Cat. Pl. Norwich, C. & S.: Berzelius Lb. Cat Pl. Yale: Hb. Deane (x)
(: Southington. Lit., Hb. N.E.B.C.
(x) abundant, grass land.)

4 **Angelica hirsuta, Muhl.**

~~+~~ Me. ~~Cat. Rec. Plants. M.L.F.~~:

N.H.

Vt.

Mass.

R.I.

+ Conn. Hb. Gray (x): Hb. N.E.B.C. (x).

3 **A. atropurpurea, L.**

+ Me. Hb. M.L.F. (x)

+ N.H. Hb. Deane (x):

+ Vt. Fl. of Vermont Perkins: Botany of Vt. Oakes: Hb. W.D (x)
: Westminster by B.L.R.
N.E.B.C. Herb
June 15, 1898.

+ Mass. Hb. Deane (x):

— R.I. Plants of R.I., Bennett:

+ Conn. Fl. Conn. J.N. Bishop: Cat. Pl. Norwich, C. & S.: Hb. Deane (x):
(Southington. A.L.
Hb. N.E.B.C. (x)
Ditches, rare

11 **Conioselinum Canadense, T. & G.**

+ Me. Hb. Deane (x):

+ N.H. Hb. S.S. Kennedy (x):

+ Vt. Fl. of Vermont, Perkins: Botany of Vt. Oakes: Hb. W.D. (x)

Mass.

— Mass. "Rhodora" III. 88.

+ Conn. Flora of Conn. Britton:

— Mass. Flora of New England:

Foeniculum vulgare, Gaertn.

25 Pimpinella Anisum, L.

Vermont Specimens which I have seen in Herb. L.R. Jones
Univ. Vt., Burlington, Vt.

S. Maryandica. So. Hero Vt. May 30-1895. L R. Jones
Clarendon, Vt. June 13-1892. A. J. Grout.
Burlington Vt Red Rock, June 19-1894. L R Jones

S. gregaria - Burlington, Vt. Sept. 25-1897. L R. Jones.
Norwich Vt May 30, 1888. W. W. Eggleston

S. trifoliata - Middlebury Vt. Sept. 13-1882, E. Brainerd.

C.Canadense,T.& G.
R.I.

Conn.

17 **Heracleum lanatum,Mx.**
+ Me. Cat. Me. Plants, m.h.7.: Hb. Gray (X).
+ N.H. Hb. Gray (X):
+ Vt. Fl. of Vermont, Perkins: R/X. by S.S. Kennedy: Botany of Vt. Oakes: Hb. W.D. (X)
+ Mass. Hb. Deane (X):
+ R.I. Plants of R.I., Bennett: Plants Block Id., Bailey & Collins: Pl. R.I. 1844, Olney:
+ Conn. Fl. Conn. J.N. Bishop: Berzelius Soc. Cat. Pl. Yale: Hb. Deane (X) = Southington, Conn. L.A. Hb. N.E.B.C. (X) rare.

Ergycium quercifolium, Nutt.
+ Conn. = I have taken (X) in woods & grounds in Bridgeport. Seen for several years in same place" E.H. Eames; Dec. 1897 - Hb. E.H. Eames; Hb. W.D. (X)

24 **Pastinaca sativa,L.**
+ Me. Cat. Me. Plants. m.h.7.: Hb - Gray (X):
+ N.H. Hb. Deane (X):
+ Vt. Fl. of Vermont, Perkins: Botany of Vt., Oakes: Hb. W.D. (X)
+ Mass. Hb. Deane (X):
+ R.I. Plants of R.I., Bennett: Pl. R.I. 1844, Olney: Hb. N.E.B.C. (X)
+ Conn. Hb. Gray (X): Southington, Conn. L.A, Hb. N.E.B.C. (X) cult. grounds:

Hb. Brown Univ. Herbarium Alleganum, Warwick, R.I. Det. Coulter & Rose " (X)

33 **Thaspium aureum,Nutt.**
~~+~~ Me. ~~Cat. Me. Plants, m.h.7.:~~
N.H.
~~+~~ Vt. Fl. Vermont, Perkins: "no specimen. probable error"
— Mass. Fl. Essex Co. Robinson: Fl. Middlesex Co. D. & C.: Pl. about Amherst Coll. Tuck & Fr.: Studies of Essex Fl. Tracy.
— R.I. Plants of R.I. Bennett:
— Conn. Fl. Conn. J.N. Bishop: Cat. Pl. Norwich, C. & S.: Berzelius Soc. Cat. Pl. Yale:

doubtless Zizia aurea

"all spms in this Hb. and all I have seen from Vt. are Zizia aurea, Koch." L.R. Jones univ. of Vt. Burlington, Dec. 9-1897.
E. Brainerd, Nov. 22-1897.
Conn. Hb. (X):

T. trifoliatum

35 T. barbinode. Nutt.
— Conn. Cat. Pl. Norwich, C. & S.:

34 **T.a.atrppurpureum,C,& R.**
Me.
N.H.
Vt.
Mass.
— R.I. Plants of R.I., Bennett:
Conn.

Thaspium aureum
Nutt.
— Conn. Flora of Conn. Bishop 1896.
reject

Conandrum sativum, L.

+ Mass. "Cottage City, Martha's Vineyard, Mass. Occasionally escaped from cultivation by Portuguese, Aug 14, 1893, Coll. E. S. Burgess" Dr. J. N. Rose sent me a specimen to see from the Nat. Mus. Herb. Feb. 1901. (x),

3.

21 Ligusticum Scoticum, L.

+ Me. Hb. Deane (X);

+ N.H. Hb. Deane (X);

Vt. "not in Vt" E. Brainerd, Nov. 22-1897.

+ Mass. Hb. Deane (X);

+ R.I. Hb. Gray (X);

+ Conn. Hb. Gray (X);

L. actaefolium, Mx.

— Mass. Bigelow's Plants of Boston, 3d ed. reject

Levisticum officinale, Koch.

+ Vt. Hb. W. D. (x),

2. AEthusa Cynapium, L.

Me.

N.H.

Vt. "not in Vt." E. Brainerd, Nov. 22-1897.

+ Mass. Hb. Deane (X);

+ R.I. Plants of R. I., Bennett: Hb. Brown Univ. Herbarium, Providence, R.I. Test. Conlee & Rae" (X).

— Conn. Fl. Conn. J. M. Bishop: Berzelius So. Cat. Pl. Yale:

10 Coelopleurum Gmelini, Ledeb.

+ Me. Hb. Deane (X);

+ N.H. Hb. Deane (X);

Vt.

+ Mass. Hb. Deane (X);

— R.I. Plants of R. I., Bennett:

Conn.

13 Crantzia lineata, Nutt. = Lilaeopsis lineata, Greene, Bot. Gaz. 24:47.

Me.

+ N.H. Newmarket. Aug 1892 A A Eaton (Hb. Deane) (x)

Vt.

+ Mass. Hb. Deane (x);

+ R.I. Hb. Gray (x)

+ Conn. Hb. Deane (X); Bridgeport, Beardslee Hb. J. M. Bishop (x).

26 **Pimpinella integerrima, B.& H.**

~~+~~ Me. ~~Cat. Me. Plants, M.L.~~ 7.:

N.H.

+ Vt. Hb. Gray (x): Mr. E. Brainerd -

Mass.

— R.I. Plants of R.I. Lemmon:

+ Conn. Fl. Conn. J. N. Bishop: Berzelius Co. Cat. Pl. Yale: Hb. Deane (x);
(1896)

6. **Bupleurum rotundifolium, L.**

Me.

+ N.H. Hb. Deane (x):

~~N.~~ V. "not in Vt." E. Brainerd. Nov. 22-1897.

+ **Mass.** Hb. Deane (x):

R.I.

— **Conn.** Fl. Conn. J. N. Bishop: Berzelius Co. Cat. Pl. Yale:
(1896)

14 **Cryptotaenia Canadensis, DC.**

~~+~~ Me. ~~Cat. Me. Plants M.L.~~ 7.:

+ **N.H.** Hb. Deane (x):

+ **Vt.** Fl. of Vermont, Perkins: Botany of Vt., Oakes: Hb. W.D. (x) - Determined by B.L.R. July 15, 1898, N.E.B.C. Herb. (x)

+ **Mass.** Hb. Deane (x):

+ **R.I.** Hb. Gray (x):

+ **Conn.** Fl. Conn. J. N. Bishop: Cat. Pl. Norwich, C. & S.: Berzelius Co., Cat. Pl. Yale: Hb. Deane (x)

32 **Sium cicutaefolium, Gmelin.**

+ **Me.** Hb. Deane (x):

+ **N.H.** Hb. Deane (x):

+ **Vt.** Fl. of Vermont, Perkins: Botany of Vt., Oakes: Hb. W.D (x)

+ **Mass.** Hb. Deane (x):

+ **R.I.** Hb. Deane (x):

+ **Conn.** Fl. Conn. J. N. Bishop: Berzelius Co. Cat. Pl. Yale: Hb. Deane (x): Southern Vt. Conn. L.A. Hb. N.E.B.C. wet grounds. (x).

5a *B. Odontites* L.

+ Mass. Hb. Gray (x):
"In house-yard Salem mass 1861 Markoe"
In Dr. Gray's writing on the sheet.

31 Sium Carsonil, Durand.
Me.
+ N.H. Hb. Deane (X):
Vt. "not found in Vt". E. Brainerd, Nov. 22-197.
+ Mass. Hb. Deane (X):
+ R.I. Flora of R.I., Bennett; Hb. Brown Univ "Herbarium Oleyanum", Hunts Bridge, Sept 3, 1868 J. W. Conyon, Washington Co. R.I. Tested Collin & Rose" (X)
+ Conn. Hb. Deane (X):

Zizia aurea, Koch. var. angustifolia, Bicknell + Conn. Salisbury. June 18, 1900 C. H. Bicknell. in Herb Gray.

5. Berula angustifolia, Koch.
~~Me~~ N.H. Me.
N.H.
Vt.
— Mass. ex ~~spec.~~ "~~Mass~~" M. A. Curtis in ~~Hb. Deane (in Herb.)~~ (X): dele Pl. about Amherst-Coll., Flora & Fauna: Plants within 30 m. of Amherst, M. A. Cobb- Flora of New Bedford, Hervey;
R.I.
Conn.

36 Zizia aurea, Koch.
+ Me. Hb. Deane (X):
+ N.H. Hb. Deane (X):
+ Vt. Hb. Deane (X):
+ Mass. Hb. Deane (X):
+ R.I. pl. R.I. 1844, Olney: Hb. Brown Univ. "Cumberland, W W Bailey 1879, Tested Collin & Rose" (X)
+ Conn. Hb. Deane (X): Southington, L.A., Hb. N.E.B.C. Low meadows & open land (X).

37 Z. cordata, DC
Me
N.H.
reject — Vt. [Fl. Vermont, Perkins; Botany of Vt. Baker.
Mass.
+ R.I. Pl. R.I. 1846. Olney.:
+ Conn. Hb. Deane (X): Branford, L. A. Hb. N.E.B.C. Shades, (X).

"not verified of late years" E. Brainerd, Nov. 22-197.

Hb. Brown Univ. "Herbarium Oleyanum Rhode Island" "Tested Collin & Rose." (X)

7 Carum Carui, L.
+ Me. Cat. me. Plants, m.h.f.: Hb. M.L.F. (X)
+ N.H. Hb. Deane (X):
+ Vt. Hb. Deane (X):
+ Mass. Metrop. Park Flora: Hb. N.E. Bot. Club (X):
+ R.I. Hb. Deane (X)
+ Conn. Hb. Deane - (X)

8 Cicuta maculata, L.

+ Me. Hb. Deane (X):

+ N.H. Hb. Deane (X):

+ Vt. Hb. Gray (X):

+ Mass. Hb. Deane (X):

+ R.I. Plants of R.I., Bennett: Pl. Block Isl., Bailey & Collins: Pl. R.I. 1844, Olney: Hb. N.E.B.C. (X)

+ Conn. Fl. Conn. J.N. Bishop: Cat. Pl. Norwich, C. & S.: Berzelius So. Cat. Pl. Yale: Hb. Deane (X): (Southington, L.A., Hb. N.E.B.C.) Swamps (X).

9 C. bulbifera, L.

+ Me. Cat. Me. Plants, M.L.F.: Hb. Gray (X):

+ N.H. Hb. Deane (X):

+ Vt. Fl. of Vermont: Perkins: Hb. S.S. Kenney (X)

+ Mass. Hb. Deane (X):

+ R.I. Plants of R.I., Bennett: Pl. R.I. 1844 Olney: Hb. Brown Univ. "Herbarium Olneyanum, Providence, R.I. Theo. Coulter & Roe" (X)

+ Conn. Hb Yale (X): Southington, L.A., Hb. N.E.B.C. river banks, (X).

1. AEgopodium Podagraria, L.

Me.

N.H.

Vt.

+ Mass. Hb. Deane (X):

+ R.I. Plants of R.I. Bennett: Herb. N.E.B. Club "Providence. campus. July 1878 W.W.B. (X).

— Conn. Flora of Conn — Bisbee (1896)

16 Discopleura capillecea, DC.

Me.

N.H.

Vt.

+ Mass. Hb. Deane (X):

+ R.I. Hb. Gray (X):

+ Conn. Hb. Gray (X):

20 H.verticilata,Thunb.
Me.
N.H.
Vt.
+ Mass. Hb. Deane(X):
R.I.
Conn.

18 H.Americana,L.
+ Me. Hb. Deane (X);
+ N.H. Hb. Deane (X);
+ Vt. Fl. of Vermont: RPH. by G. G. Kennedy = Botany of Vt. Oakes:
+ Mass. Metrop. Park Hb. (X): Hb. Hb. W.D. (X).
+ R.I Plants of R.I. (1844) olney: Hb. N.E.B.C. (X)
+ Conn. Hb. Gray (X);

29 Sanicula Marylandica,L.
+ Me. Hb. Deane (X); Cat. me. Plants me & F:
+ N.H. Hb. Deane (X): Hanover July 6, 1892. Coll H.S.J. Herb. H.S.J. (X)
+ Vt. Hb. Gray (X):
+ Mass. Hb. Deane (X): Amherst, July 10, 1875 Coll H.S.J. Herb H & Jesup (X).
+ R.I. Plants of R.I. (1844) olney: Hb. N.E.B.C.
+ Conn. Hb. Gray (X): Southington, L.A., Hb. N.E.B.C. marsh & open (X):

28 S.gregaria,Bicknell.
Me.
+ N.H. Walpole, wooded bank by the Conn R. Aug. 2, 1899, M.L. Fernald, in Hb. Gr.
+ Vt. "not yet reported fr. Vt." E. Brainerd, Nov. 22-1897. (Herb. L.R. Jones (X) Burlington - Weybridge 1898 E.B. Burlington " " New Haven " " Pownal " W.W. Eggleston E. Dorset (500ft) 1899 "
+ Mass. Fl. N.E. Bot. Club (X): Williamstown, Bank of Green R. Low woods. July 30, 1898. Coll. J.R.C.
R.I.
+ Conn. "has eluded careful search so far" E.H. Eames. Nov 21-'97; Hb. Eames "moist woods Stratford, Conn. July 4 '96, Rare" (X).

Bigelowia radicans, Bicknell. + R.I. Plants of R.I. Bennett; Hb. Brown univ. "Prov. July '77, J.L. Bennett" (X).

* - Conn. Hb. E. H. Eames, from "Stratford Ct. probably very rare" Jan. 15, 1899 collection Emma Eames. (vidi, Jan. 27, '99 Est S. proposed)

Cat. reports Sanicula Canadensis

Jesup in his

Prof. Jesup's Sanicula Canadensis in S. Marylandica vidi WD

+ N.H. Kensington, a.a. Eaton 1898 (X) — 27 — v. Canadensis.
Torr. Bull. XXII - 358
++ Me. Cat. me. Plants. in E.F.
+ Vt. Fl. Vermont, Perkins
— Mass. Pl. about Amherst Coll. (1875) Jack. & Fr.
— R.I. Prof. Pl. R.I. 1847 Olney: Jack. & Fr.
+ Conn. Hb. Gray (X): Southington, L.A. Hb. N.E.B.C. (X).
Hb. E. Brainerd (X).

7. L. Scribn.
30 S. trifoliata Bicknell
+ Me. Manchester Aug. 1873 Hb. N.E.B.C. (X)
+ N.H. Hb. Deane (X) Hb. N.E.B.C. (X)
C. Hb. Gray (X).
" Vt. (X)
Conn. "has eluded careful search so far" Eat. Eames. Nov. 25: '97

Levisticum officinale Koch.

+ Vt. Hb. Deane (X):
+ Conn. Fl. Conn. J.N.B.: Hb. J.N.B. "New Haven, J.W. Hall 73-7-4" (X)

Works examined -

Herbaria examined

Metropolitan Park Flora - H. Deane - Deane

Portland Cat. of Me. Plants M. L. Fernald - × Gray

" " (Supp.) " M. L. Fernald.

Flora of Connecticut, J. N. Bishop (1885) + (1896). New Eng. Bot. Club.

" " Mt. Desert. R. & R. J. G. K[illegible] -

" " Essex Co. Mass. Robinson (1880). E. H. Eames, Cam-

" " Middlesex Co. " Dame + Collins (1888). bridge University.

Cat. Pl. within 30 m. of Amherst College. Tuck. & H. (1875) Dartmouth College

Flora of Vermont. G. H. Perkins (1888). Herb. Univ. Vt.

Flora of Nantucket Mass. M. L. Dame. (1888).

" + Jaunea within 30 m. of Hanover N.H., H. D. Jesup. (1891).

Flora Boltoniensis, 3d ed. J. Bigelow (1840)

Botany of Vermont, Wm Oakes, (1853)

Plants within 30 m. of Amherst Mass. N. A. Cobb (1887).

Flora of Block Island - H. D. Jaun (1883)

Flora of Worcester Co. Mass., J. Hickstein (1874).

Plants of R. I. J. H. Bennett (1888).

Trees + Plants of Milton J. R. Churchill ( )

Flora of New Bedford E. W. Hervey (1891)

Flora of Block Island W. W. Bailey & F. H. Collins (1893).

Studies of the Essex Flora, C. M. Tracy (1892)

Plants of R. I. S. T. Olney (1844-6-7)

Cat. Plants Norwich, Conn. Case & Peterson (1883).

Berge's in So. Cat. Pl. Yale (1878)

Catalogue of Flowering Plants, Native & Naturalized found in the towns of Barrington, Nottingham Northwood, Durham, Lee, N. H. Chas. H. Chesley, So. Barrington, N. H. Nov. 6 - 1893

Unpublished Flora of Montreal Canada by Rand

WMS

Flora of Nottingham, N. H., Harris -

× except
Convolvulus
Thaspium -
~~Liparis loeselii~~
~~Calopogon~~

12 **Conium maculatum, L.**

+ Me. Cat. me. Plants, M.L.F.: Hb. Gray (X);

+ N.H. Fl. Hanover, N.H., H. G. Jesup: Hb. W.H. (X).

+ Vt. Hb. Deane (X);

+ Mass. Hb. Deane (X);

+ R.I. Hb. Gray (X);

+ Conn. Fl. Conn. T. C. Bishop (1896): Berzelius Soc. Cat. H. Yale: a.w. E. Hartford, Driggs, June 26 Hb Gr. (X) 99

Osmorrhiza brevistylis, DC.

+ Me. Hb. Deane (X);

+ NtH. Hb. Deane (X);

+ Vt. ~~Hb. Deane (X)~~ Hb. Deane (X);

+ Mass. Metrop. Park Flora: Hb. N.E.B.C. Club (X);

+ R.I. Plants of R.I., Bennett.: ~~Hb. R.I., Stockbridge~~ Hb. Brown Univ. "Herbarium Oleyanum, Cumberland, R.I. Fort. Cultis & Rar." (X).

+ Conn. Fl. Conn. T. C. Bishop: Hb. Deane (X); Southington, L.A., woods., Hb. N.E.B.C. woods, (X).

23 **O. longistylis, DC.**

+ Me. Cat. me. Plants, M.L.F.: Gr. Herb. (X);

+ N.H. Hb. S.G. Kennedy (X);

+ Vt. Hb. Deane (X); Westminster, B.L.R. June 16, 1898, N.E.B.C. Herb. (X)

+ Mass. Hb. Deane (X);

+ R.I. Hb. Gray (X);

+ Conn. Berzelius Soc. Cat. H. Yale: Hb. E.H. Eames: Southington, L.A., Hb. N.E.B.C. fence rows and shady banks. (X);

Hydrocotyle umbellata, L.

* Me.

N.H.

Vt.

+ Mass. Hb. Deane (X);

+ R.I. Hb. Gray (X);

+ Conn. Fl. Conn. T. C. Bishop (1896) Berzelius Soc. Cat H. Yale: Oxford. E. B. Harger. Hb. N.E.B.C.

- Hb. N.E.B.C., "common, Plainville, C. D. Bishop" (X) "very common all through central Conn. at base of mountains and moist ground". The latter quotation from J. N. B. Jan. 1899.

Sanicula canadensis L.
+ Maine, Madawaska, July 29 1899 T R Chandler Hb. T.R.C. (X)
marsh (rare)
near marsh
abundant in one spot

Umbelliferae

New England

Ericaceae.

Gaylussacia dumosa, T. & G.

+ Me. Cat. Me. Pl. n.h.7.: Hb. Gray (X)

— N.H. Reported by C.H. Chesley, South Barrington 1881 as positively grown in Barrington.

Vt. "Not in Vt.", E. Brainerd, Nov. 22-'97.

+ Mass. Hb. Deane (X)

+ R.I. Hb. Deane (X)

+ Conn. Hb. Deane (X)

G. frondosa, T. & G.

— Me. Cat. Me. Pl. n.h.7.: Fernald has not seen the plant.

+ N.H. Herb. W.D.: Shore of Cobbetts P'd, Windham, scarce W.S.H. Sept. 1897 (X)

— Vt. Botany of Vt., Oakes: "Doubtless an error" E. Brainerd, Nov. 22-1897 rejects.

+ Mass. Hb. Deane (X)

+ R.I. Hb. Gray (X)

+ Conn. Cat. Pl. Norwich, C & S.: Berzelius Sc. Cat. Pl. Yale; 71. - Conn. Bishop. 1896: Hb. Deane (X).

G. resinosa, T. & G.

G. resinosa forma leucocarpa + Me. Gray Herb.

+ Me. Hb. Deane (X)

+ N.H. Hb. Deane (X)

+ Vt. Flora of Vt. G.H. Perkins: Botany of Vt., Oakes. - Hb. W.D. (X) -

+ Mass. Hb. Deane (X)

+ R.I. Hb. Gray (X)

+ Conn. Berzelius Sc. Cat. Pl. Yale: Hb. Deane (X)

Vaccinium stamineum, L.

++ Me. ~~Cat. Me. Pl. n.h.7.~~

N.H.

Vt. "Not in Vt." E. Brainerd, Nov. 22-'97.

+ Mass. Hb. Deane (X)

R.I.

+ Conn. Cat. Pl. Norwich, C. & S.: Berzelius Sc. Cat. Pl. Yale: Hb. Deane (X) -

V. Pennsylvanicum, Lam.

+ Me. Hb. Deane (X)

+ N.H. Hb. Deane (X)

+ Vt. Hb. Gray (X) - Herb. W.D. (X)

+ Mass. Hb. Deane (X)

+ R.I. Hb. Gray (X)

+ Conn. Cat. Pl. Norwich. C & S.: Berzelius Sc. Cat. Pl. Yale: Hb. Deane (X); Southington, L.A.; Hb. N.E.B.C. Savoy Soils (X)

V. P. angustifolium, Gr.

+ Me. Hb. Deane (X)

+ N.H. Hb. Deane (X)

+ Vt. Hb. Deane (X)

Mass.

R.I.

+ Conn. Hb. Gray

Sphagnum Swamp Volun- Conn. E.B. Graves. June 17, 1899 (X)

Gaylussacia r. glaucocarpa

+ Me. N.E.Z. Rand {Cat Hill, Seal Harbor, Sept. 8, 96; Clearing, Jordan Pond, " 7 "; Jordan Triad, " 8 "} Mt. Desert E.L.R. (X)

+ N.H. Hb. Deane (X)

UC

+ Mass. Hb. Gray (X) + Hb. J.M. Sears (X)

R.I.

+ Conn. Hb. Deane (X)

Vacc. arboreum, Marshall

— Conn. Cat. Pl. Norwich, C. & S.:

var. nigrum

+ Me. Hb. Deane (X)

+ N.H. Hb. Deane (X)

+ Vt. "not in Vt." E. Brainerd, Nov. 22-'97.

+ Mass. Mt. Nantucket X. (Hb. Deane & Brainerd (X))

R.I.

Conn.

2 mi. E. Blue Hills Reserv. July 17, 1886. J.R. Churchill. Hb. J.R.C. (X).

Works examined –

Metropolitan Park Flora W. Deane

Portland Cat. of Me. Plants M. L. Fernald

" " (Supp.) "

Flora of Connecticut, J. N. Bishop (1883) & (1896).

" " Mt. Desert, Me. R. & R.

" " Essex Co. Mass. Robinson (1880)

" " Middlesex Co. Mass. Dame & Collins (1888)

" " (Cat. of Pl. within 30 m. of Amherst College T. & Z (1875).

Flora of Nantucket Mass., Mrs. M. L. Owen (1888).

" " Vermont, E. H. Perkins – (1888).

" and Farmer within 30 m. of Hanover N.H., N.E. Fed. (1891)

Flora Bostoniensis, J. Bigelow (1840).

Botany of Vermont, Wm Oakes (1853)

Plants within 30 m. of Amherst, Mass. M. A. Cobb. (1887).

Flora of Ad'k & Sharon N.Y., Gray, (1883).

Flora of Worcester Co. Mass. Jackson (1874)

Plants of R. I., J. L. Bennett (1888).

Trees & Plants of Milton J. R. Churchill ( ).

Flora of New Bedford, E. W. Hervey (1891)

Flora of Block Island, W. W. Bailey & J. F. Collins (1893)

Studies of the Essex Flora (C. M. Frary) (1892)

Plants of Rhode Island, S. T. Olney (1844-6-7)

Cat. Plants Norwich, Conn. Case & Selden (1883).

Berzelius for Cat. Pl. Yale (1878)

Catalogue of Flowering Plants, Native & Naturalized, found in the Towns of Barrington, Nottingham, Northwood, Durham & Lee, N.H. Chas. H. Chesley So. Barrington N.H. Nov. 6-1893.

MS.

Flora of Plymouth, N.H., Harris

Herbaria examined

Deane –

M. L. Fernald.

Gray

New Eng. Bot. Club.

G. G. Kennedy.

Brown University.

Dartmouth College

W. S. Hall, Keene, N.H.

[illegible] N.H.

146. Lincoln, Mass.

V.Canadense, Kalm.
+ Me. Hb. Deane (x)
+ N.H. Hb. Deane (x)
+ Vt. Hb. Deane (x)
— Mass. Fl. Middlesex Co. D. & C.: Flora of Worcester Co., Mass. Jackson:
R.I.
Conn.

V.vacillans, Solander.
+ Me. Cat. Me. Pl. Mich. Fl.: Hb. Gray (x)
+ N.H. Hb. Deane (x)
+ Vt. Fl. Vt. S. H. Perkins: Botany of Vt., Oakes: Hb. W. D. (x) -
+ Mass. Hb. Deane (x)
+ R.I. Hb. Gray (x)
+ Conn. Cat: R. Berwick, C. & S.: Berzelius Lo. Cat Pl. Yale: Hb. Deane (x): Southington, L. A. Hb. N. E. B. C., Dry Lilt woods (x)

V.corymbosum, L.
+ Me. Cat. Me. Pl. Mich. Fl.: Hb. Gray (x)
+ N.H. Hb. Deane (x)
+ Vt. Hb. Gray (x) - Hb. E. Brainerd.
+ Mass. Hb. Deane (x)
+ R.I. Plants of R. I., Bennett: Pl. R. I. 1844, Olney: Hb. Brown Univ. "Providence R. I." (x),
+ Conn. Hb. Deane (x)

V.c.amoenum, Gr.
+ Me. Cat. Me. Pl. Mich. Fl.: Hb. Gray (x)
+ N.H. Hb. Deane (x)
+ Vt. Hb. Deane (x)
+ Mass. Bishop Park Fl. W. D.: Hb. Gray (x)
— R.I. Plants of R. I., Bennett,
+ Conn. ~~Hb. E. H. Eaton~~ - Eaton is very uncertain about it. See letter of Jan. 15, 1899.

V.c.pallidum, Gr.
+ Me. Hb. Deane (x)
+ N.H. Hb. Gray (x)
+ Vt. Hb. Gray (x)
+ Mass. Hb. Gray (x)
+ R.I. Hb. Brown Univ. "Herbarium Alneganum." Providence June 5, 1849 leaves serrulate ciliate'" (x).
+ Conn. Hb. J. N. Bishop, "conn. 1873-4, W. Hall" (x).

V.c.atrococcum, Gr.
+ Me. Hb. Deane (X)
+ N.H. Hb. Deane (x)
+ Vt. "??" E. Brainerd, Nov. 22-1897.; Mayin of Bristol Road, July 5, 1898. A. C. Dike, Hb. E. Brainerd (x)
+ Mass. Hb. Deane (x)
+ R.I. Hb. Gray (x)
+ Conn. Hb. Deane (x)

V.c.pallidum, Gr. = V. fuscatum Ait.
— Mass. Swamp of Essex Fl. Gray:

V. vigatum v. Canadense

? — Vt. 7h. Vermont E. H. Perkins.
"a stupid blunder"
E. Brainerd, Nov. 22-'97

V.uliginosum,L.
+ Me. Hb. Deane (x)
+ N.H. Hb. Deane (x)
+ Vt. Hb. Deane (x)
Mass.
R.I.
Conn.

V.Caespitosum,Mx.
+ Me. Hb. Deane (x)
+ N.H. Hb. Deane (x)
+ Vt. Hb. Deane (x)
Mass.
R.I.
Conn.

V.c.cuneifolium,Nutt.
~~+~~ Me. ~~Hb. Deane (x)~~ M.L.F. tell me it is not in Maine
N.H.
Vt. "not in Vt." E. B. Nov. 22-1897
Mass.
R.I.
Conn.

V.Vitis-Idaea,L.
+ Me. Hb. Deane (x)
+ N.H. Hb. Deane (x)
+ Vt. Hb. Gray (x) - Herb. W.D (x).
+ Mass. Hb. Gray (x)
R.I.
Conn.

V.Oxycoccus,L.
+ Me. Hb. Deane (x)
+ N.H. Hb. Deane (x)
+ Vt. Hb. Gray (x) : Herb. W.D. (x)
+ Mass. Hb. Deane (x)
+ R.I. Hb. Gray (x)
+ Conn. Hb. Gray (x)

V.macrocarpon,Ait.
+ Me. Cat. Me. Pl. M.L.F.: Hb. Gray (x)
+ N.H. Hb. Deane (x)
+ Vt. 7h. Vt. S. H. Perkins: Botany of Vt, Oakes: "I think only introduced" E. Brainerd Nov. 22-'97
: Herb. E Brainerd. Mead Road Williston Vt. Rev. J. A Bacon (x).
+ Mass. Hb. Deane (x)
+ R.I. Hb. Gray (x)
+ Conn. Hb. Gray (x): Southington, L. A, Hb. N. E. B. C, met places (x)

Chiogenes serpyllifolia,Salisb.
+ Me. Hb. Deane (x)
+ N.H. Hb. Deane (x)
+ Vt. Rept. of S. S. Kennedy: 7h. Vt. S. H. Perkins: Botany of Vt., Oakes: Hb. W. D. (x)
+ Mass. Hb. Deane (x)
+ R.I. Hb. Gray (x)
+ Conn. Bergen Co. Cat. Pl. Yale: 7h. Conn. Bishop. 1896: 7h. N. E. B. C. Taylorsville, C. D. Bishop" (x)
Hb. J. N. Bishop. marsh near Winchester Robbins" (x)

R. uva-ursi N.H. "common" Chesley

(X) Hb. W.D. "local, but well es-tablished on a few pine pastures in Dublin & Rindge" W.S. Harris

Arctostaphylos Uva-ursa, Spreng.

+ Me. Hb. Deane (X)
+ N.H. Fl. Hanover, N.H., N.L. Leavitt. Prof Jesup has not seen it, but has been informed that it grows in N.H.. H.G.T. Dec 14-1897.
+ Vt. Fl. Vt. G. H. Perkins; Botany of Vt. Lakes: Hb. W.D. (X)
+ Mass. Hb. Deane (X)
+ R.I. Plants of R.I., Bennett: Pl. R.I., 1844, Olney: Hb. N.E.B.C. (X)
+ Conn. Fl. Conn. J.N. Bishop: Berzelius Co., Cat. Pl. Yale: Hb. Deane (X)

A. alpina, Spreng.

+ Me. Cat. Me. Pl. Mich. 7.: ~~Cat. Pl. Vasey. Cat.~~ Hb. M.C.Z. (X)
+ N.H. Hb. Deane (X)
Vt. "not in Vt." E. Brainerd, Nov. 22-1897.
Mass.
R.I.
Conn.

Epigaea repens, L.

+ Me. Hb. Deane (X)
+ N.H. Hb. Deane (X)
+ Vt. Observed by W.D. in 1885: Hb. S.S. Kennedy (X): Hb. W.D. (X)
+ Mass. Hb. Deane (X)
+ R.I. Hb. Gray (X)
+ Conn. Hb. Gray (X): Southington, L.A., Hb. N.E.B.C. along the granite ridges not common in S. (X)

Gaultheria procumbens, L.

+ Me. Hb. Deane (X)
+ N.H. Hb. Deane (X)
+ Vt. Rpt. by S.S. Kennedy (Fl. Vt. G. H. Perkins; Botany of Vt. Lakes, - Hb. W.D. (X)
+ Mass. Hb. Deane (X)
+ R.I. Hb. Gray (X)
+ Conn. Fl. Conn. J.N. Bishop (1896): Cat. Pl. [illegible], 1845; Berzelius Co., Cat. Pl. Yale: Hb. E.N. Fancy. Hb. N.E. Bot. Club (X).

Andromeda polifolia, L.

+ Me. Hb. Deane (X)
+ N.H. Hb. Deane (X)
+ Vt. Hb. Gray (X) - Hb. W.D. (X).
+ Mass. Hb. Deane (X)
— R.I. Pl. R.I. 1844, Olney: reject
+ Conn. Fl. Conn. J.N. Bishop (1896): Hb. E.H. Eames: Hb. J.N. Bishop "Norfolk, Robbins" (X).

A. Mariana, L.

Me.
N.H.
Vt.
Mass.
— R.I. Flora Britannica, Bigelow, 1840: Plants of R.I. Bennett, Pl. R.I. 1847, Olney.
Conn.

A. ligustrina, Muhl.

+ Me. Hb. Deane (X)
+ N.H. Hb. Deane (X)
+ Vt. Hb. Gray (X)
+ Mass. Hb. Deane (X)
+ R.I. Hb. Gray (X)
+ Conn. Hb. Gray (X): Plainville, L.A., Hb. N.E.B.C., Fence rows (X)

Leucothoe racemosa, Gr.
~~+~~ Me. ~~Cat. me. Pl. m.k.7.~~:
N.H.
? — Vt. Fl. Vt. S. N. Perkins: "probably an error" E. Bramley, Nov. 22-1897.
"Perkins authority is Thompson Cat Inst. Vt. p. 190. Wm Oakes, who reports A. paniculata" rejected. L.R. Jones. Dec. 9-197.
+ Mass. Hb. Deane (X)
+ R.I. Hb. Gray (X)
+ Conn. Hb. E.M. James: Hb. Deane (X) -

Cassandra calyculata, Don.
+ Me. Hb. Deane (X)
+ N.H. Hb. Deane (X)
+ Vt. Hb. S.S. Kenney (X) - Hb. W.D. (X)
+ Mass. Hb. Deane (X)
+ R.I. Plants of R.I., Bennett: Pl. R.I. 1844, Olney: Hb. Brown Univ. near Silver spring Blackstone. N. Prov. R.I. 1891. S.H. Arnold. Conn. W.W. Bailey " (X).
+ Conn. Hb. Gray (X): Southington, L.A, Hb. NEBC, Swamps (X).

Cassiope hypnoides, Don.
+ Me. Cat. me. Pl. m.k.7.: Hb. Gray (X)
+ N.H. Hb. Deane (X)
Vt.
Mass.
R.I.
Conn.

Calluna vulgaris, Salisb.
+ Me. Cat. me. Pl. m.k.7.: Hb. Gray (X)
+ N.H. Hb W. Deane (Pelham) (X)
Vt.
+ Mass. Hb. Deane (X)
+ R.I. Hb. Brown Univ." Herbarium of George W. Burlingame, Great Swamp. R.I. Dec, 31 1891 " (X).
Conn.

Erica cinerea
Me.
N.H.
Vt.
+ Mass. Hb. Deane (X)
R.I.
Conn.

E. Tetralix
Me.
N.H.
Vt.
+ Mass. Hb. Deane (X)
R.I.
Conn.

Bryanthus taxifolius, Gr.
+ Me. Cat. me. Pl. m.k.7.: Hb. Gray (X)
+ N.H. Hb. Deane (X)
Vt.
Mass.
R.I.
Conn.

Kalmia latifolia, L.

+ Me. Cat. me. Pl. M.L.T.: Hb. Gray (X)
+ N.H. Hb. Deane (X)
+ Vt. Fl. Vt. S. H. Perkins: Botany of Vt., Oakes: "reported from S. Vt." E. Brainerd. Nov. 22-1897.
+ Mass. Hb. Deane (X)
+ R.I. Hb. Gray (X)
+ Conn. Fl. Conn. J. M. Bishop: Cat. Pl. Norwich, C. & S.: Berzelius to Lo. Cat. Pl. Yale: Hb E. H. Eames: Hb. W. D. (X) 1896.

"Banks of West River, Newfane. June, 1894. Coll. Howe & Avis Exchange Herb. of A. J. Grout." sent me from Univ. of Vt. May 9, 1899 to inspect (X). Ex L. R. Jones

"I have seen the plant near Brattleboro" L. R. Jones 5/3, 1899

"West Mt. Pownal July 24, 1895. Coll. W. W. Eggleston" Sent me from Univ. of Vt. May 9, 1899 to inspect (X). Ex L. R. Jones

K. angustifolia, L.

+ Me. Cat. me. Pl. M.L.T.: Hb. M.L.T. (X)
+ N.H. Hb. Deane (X)
+ Vt. Fl. S. H. Perkins: Botany of Vt., Oakes: Hb. W. D. (X)
+ Mass. Hb. Deane (X)
+ R.I. Hb. Gray (X)
+ Conn. Hb. Gray (X): Southington, L. A., Hb. N. E. B. C. swamps & wet places (X).

Southington, L. A., Hb. N. E. B. C. Rocky woods (X)

K. glauca, Ait.

+ Me. Hb. Deane (X)
+ N.H. Hb. Deane (X)
+ Vt. Hb. Gray (X) - Hb. W. D. (X)
+ Mass. Hb. Deane (X)
R.I.
— Conn. Fl. Conn. Bishop, 1896

Rhododendron viscosum, Torr.

+ Me. Cat. Me. Pl. M.L.T.: Hb. M.L.T. (X)
+ N.H. Fl. Hanover N.H., H. G. Jesup. Hb. W. S. Harris of Winchester N.H. coll. by him on 1876. as Rhod. Rhodora. Prof. Jesup says it was Rhod. Rhodora. Dec 14-1897 (X)
— Vt. Botany of Vt., Oakes: "no known Vt. specimen" E. Brainerd, Nov. 22-1897. Reject
+ Mass. Hb. Deane (X)
+ R.I. Hb. Gray (X)
+ Conn. Hb. Gray (X)

— Mass. Fl. Nantucket: New Bedford: Hb. E. H. Eames (X)
Vt. "no known Vt. specimens" E. Brainerd, Nov. 22-1897

R. v. glaucum, Gr.

Me.
N.H.
Vt. "no known Vt. specimens" E. Brainerd, Nov. 22-1897 -
+ Mass. Hb. Deane (X)
+ R.I. Hb. Gray (X)
+ Conn. Hb. Deane (X)

R. nudiflorum, Torr.

+ Me. Cat. me. Pl. M.L.T.
+ N.H. Hb. G. G. Kennedy (X):
+ Vt. Fide Oakes in Hb. Gray: Fl. Vt. S. H. Perkins: Botany of Vt., Oakes: Hb. W. D. (X)
+ Mass. Hb. Deane (X)
+ R.I. Hb. Gray (X)
+ Conn. Fide Oakes in Hb. Gray: Fl. Conn. J. M. Bishop: Cat. Pl. Norwich, C. & S.: Berzelius to Cat. Pl. Yale: Hb. Deane (X):

R. Rhodora, Don.

+ Me. Cat. Me. Pl. M.L.T.: Hb. Gray (X)
+ N.H. Hb. Deane (X)
+ Vt. Hb. Gray (X) - Hb. E. Brainerd.
+ Mass. Hb. Deane (X)
+ R.I. Plants of R. I., Bennett: Pl. R. I., 1846, (Hb.): Hb. Brown Univ. "Herbarium Oleneganum, Smithfield Chas. Osborn, North Providence, Rhode Island"
+ Conn. Fl. Conn. J. M. Bishop (1896): Fide W. D. (X)
Southington, L. A., Hb. N.E.B.C., shade rare in S. (X)

Southington, L. A., Hb. N.E.B.C., shade, (X).

(X)-

* Mr. Deane says: Dr. Gray named the sp^m which was not preserved. See letter of Feb. 4, 1899.

R.maximum, L.
+ Me. Cat. Me. Pl. m.l.7.: Hb. m.l.7.(X)
+ N.H. Hb. Deane (X)
+ Vt. Fl. Vt. G. H. Perkins: Herb. W.D.(X)-
+ Mass. Hb. Deane (X)
+ R.I. Hb. Gray (X)
+ Conn. Hb. Gray (X)

R. Lapponicum, Wahl.
+ Me. Cat. Me. Pl. m.l.7.: Hb. Gray (X)
+ N.H. Hb. Deane (X)
Vt.
Mass.
R.I.
Conn.

Ledum latifolium, Ait.
+ Me. Hb. Deane (X)
+ N.H. Hb. Deane (X)
+ Vt. Hb. S. G. Kennedy (X): Hb. W.D.(X)
+ Mass. Hb. Deane (X)
R.I.
+ Conn. Fl. Conn. J. N. Bishop: Berzelius So. Cat. Pl. Yale: Hb. J. N. Bishops "Norfolk. Robbins" (X).
(1896)

Loiseleuria procumbens, Desv.
+ Me. Cat. Me. Pl. m.l.7.: Fernald; has seen it in the Herb. at Orono; Katahdin, Me. July, 1900 M. L. Fernald. Hb. Fernald (X)
+ N.H. Hb. Deane (X)
Vt.
Mass.
R.I.
Conn.

Clethra alnifolia, L.
+ Me. Cat. Me. Pl. m.l.7.: Hb. m.l.7.(X)
+ N.H. Reported by C.S. Sheldon. So Barrington N.H. as positively growing in Barrington: Herb. W.D.(X)
Vt. "not in Vt." E. Brainerd. Nov. 22-1897
+ Mass. Hb. Deane (X)
+ R.I. Hb. Gray (X)
+ Conn. Fl. Conn. J. N. Bishop: Cat. Pl. Norwich. C. & S.: Berzelius So. Pl. Yale: Hb. Deane (X).

Chimaphila umbellata, Nutt.
+ Me. Hb. Deane (X)
+ N.H. Hb. Deane (X)
+ Vt. Rpt. by S. G. Kennedy (Fl. Vt. G. H. Perkins. Botany of Vt., Oakes.: Hb. W.D. (X)
+ Mass. Hb. Deane (X)
+ R.I. Hb. Gray (X)
+ Conn. Fl. Conn. J. N. Bishop: Cat. Pl. Norwich. C. & S.: Berz. So. Pl. Yale: Hb. Deane (X).
(1896)
(Southington, L. A., Hb. NEBC. Shade (X)) (Southington, L. A., Hb. NEBC. shade (X)); Hb. E. N. Eames: Hb. N. E. Bot. Club. (X)

C. maculata, Pursh.
— Me. Cat. Me. Pl. m.l.7.: Fernald has not seen the plant.
+ N.H. Fl. Hanover, N.H., N.S. Jesup. Prof Jesup has not seen it, but it was reported to him; see his letter of Dec. 14-1897. Hb. W.S. Harris of Windham, N.H. coll. by him in Windham 1895. (X)
+ Vt. Fl. Vt. S. H. Perkins: Botany of Vt., Oakes: "no known Vt. specimens E. Brainerd Nov. 22-1897.
Mass. Hb. Deane (X)
Hb. Univ. Vt. L.K.L. (X) Newfane, Coll. C.D. Howe (X)
+ R.I. Hb. Gray (X)
+ Conn. Fl. Conn. J. N. Bishop: Cat. Pl. Norwich. C. & S.: Berz. So. Pl. Yale: Hb. Deane (X).

Pinetington, L. A., Hb. NEBC, Shade (X):

Moneses grandiflora, Salisb.

+ Me. Hb. Deane (X)
+ N.H. Hb. Deane (X)
+ Vt. Hb. Deane (X)
+ Mass. Hb. Deane (X)
+ R.I. Plants of R.I., Bernard: Hb. J. F. Collins, Providence R.I. "West of Diamond Hill, Cumberland, R.I. May 30, 1887. Quite abundant over a limited area. J.F.C." "-Blunders, N. Smithfield R.I. June 21, 1884. only a few plants seen. Coll. J.F.C" (X)
+ Conn. Hb. Gray (X)

Pyrola minor, L.

+ Me. Cat. me. Pl. m.k.f.: Hb. m.k.f. (X)
+ N.H. Hb. Deane (X)
+ Vt. Hb. Gray (X) - Hb. E. Brainerd.
Mass.
R.I.
Conn.

P. secunda, L.

+ Me. Cat. me. Pl. m.k.f.: Hb. m.k.f. (X)
+ N.H. Hb. Deane (X)
+ Vt. Rpt. by G.G. Kennedy: Fl. Vt. G.H. Perkins: Botany of Vt., Oakes: Hb. W.D. (X)
+ Mass. Hb. Deane (X)
+ R.I. Hb. Gray (X)
+ Conn. Hb. Gray (X): Southington, L.A., Hb. N.E.B.C., under evergreen rare (X).

P.s. pumila, Gr.

+ Me. Hb. Deane (X)
+ N.H. Hb. Deane (X)
+ Vt. Hb. Gray (X)
Mass.
R.I.
Conn.

P. chlorantha, Swtz.

+ Me. Hb. Deane (X)
+ N.H. Hb. Deane (X)
+ Vt. Hb. G.G. Kennedy x - Hb. W.D. (X)
+ Mass. Hb. (Deane (x)
+ R.I. Hb. Gray (X)
+ Conn. Fl. Conn. - L.N. Bishop: Cat. Pl. Normal. Col.: Berz. Lo. Cat. Pl. Yale: Hb. E.N. Eames. Southington, L.A., Hb. N.E.B.C, common on the western plain. (X). (1896).

P. elliptica, Nutt.

+ Me. Hb. Deane (X)
+ N.H. Hb. Deane (X)
+ Vt. Rpt. by G.G. Kennedy: Fl. Vt. G.H. Perkins: Botany of Vt., Oakes: Hb. W.D. (X)
+ Mass. Hb. Deane (X)
+ R.I. Hb. Gray (X)
+ Conn. Hb. Gray (X): Southington, L.A., Hb. N.E.B.C., Shade (X).

P.rotundifolia,L.
+ Me. Cat. me. Pl. m.l.7.: Hb. m.l-7. (x)
+ N.H. Hb. Deane (x)
+ Vt. Hb. Gray (x) - Hb. W.D. (x)
+ Mass. Hb. Deane (x)
+ R.I. Hb. Gray (x)
+ Conn. Hb. Gray (x): Southington, L.A., Hb. N.E.B.C., Shade. (x).

P.r.incarnata,DC.
+ Me. ~~Cat. me. Pl. m.l.7.:~~
N.H.
+ Vt. ~~Hb. Vt. S.H. Perkins: "not in Vt" L. Brainerd, Nov. 22-1897.~~ "This is rosea rhizinosa" L.R. Jones
Mass.
R.I.
Conn.

P.r.asarifolia,Hook.
+ Me. Hb. Deane (x).
+ N.H. Hb. Deane (x).
Vt. "not in Vt." Nov. 22-1897-L. Brainerd
— Mass. Fl. Middlesex Co. D. & C.: Fl. about Amherst Coll. Tuck. & Fr.: Plants written 30 m. of Amherst, Cobb.
R.I.
Conn.

P.r.uliginosa,Gr.
+ Me. Crystal, Aroostook Co., Bog, Aug. 1900. M.L. Fernald; Hb. Fernald (x)
N.H.
+ Vt. Hb. Deane (x): "There is a spec. of this var. in the Fairbanks Museum, St. Johnsbury Vt." L.R. Jones, Dec. 9-1897.
Mass.
R.I.
Conn.

Pterospora Andromedea,Nutt.
Me.
+ N.H. Fl. Hanover N.H., N.S. Jesup: Hb. N.S. Jesup, near Olcotts Falls Lebanon, N.H. July 3-1887 N.S. Jesup (x)
+ Vt. Hb. Deane (x) - Hb. E. Brainerd + Burlington L. ante 1848 Wm Oakes Herb. N.S. Jesup (x):
— Mass. Fl. about Amherst Coll. Tuck & Fr.:
R.I.
Conn.

Monotropa uniflora,L.
+ Me. Cat. me. Pl. m.l.7.: Hb. m.l.7 (x)
+ N.H. Hb. Deane (x)
+ Vt. Rpt. by S.S. Kenney = Fl. Vt. S.H. Perkins: Botany of Vt., Oakes: Hb. W.D. (x)
+ Mass. Hb. N.E. Bot. Club (x)
+ R.I. Hb. Gray (x)
+ Conn. Hb. Gray (x): Southington, L.A., Hb. N.E.B.C. (x):

M.Hypopitys,L.
+ Me. Hb. Deane (x)
+ N.H. Hb. Deane (x)
+ Vt. Hb. Deane (x)
+ Mass. Hb. Gray (x)
+ R.I. Hb. Gray (x)
+ Conn. Hb. Deane (x); Southington, L.A., Hb. N.E.B.C. (x):

Ericaceae

New England

Achaenthemum canadense Michx.

Me. Fernald (Nb. Gray) no 240 and Nb N.E. Bot. Cl.

N.H. Deane, (Nb. Deane)

Vt. acc. to Perkins' Cat. Pl. Vt.

Mass

9

Dr. Robinson's idea as to entering there in a book.

North American Umbelliferae
Coulter & Rose, Washington, 1900.

Umbelliferae of New England.

Hydrocotyle umbellata. L.
"Massachusetts to Florida": DC
Spms Ex's Mass.

" verticillata. Thunberg
"Massachusetts to Florida" DC

" americana. L.
"Northeastern Canada" DC "South to mountains of N.C."
Spms ex'd. Me., Mass., R.I., Conn.

Sanicula marilandica, L.
"Newfoundland to Ga" DC
Spms exd. Me., Vt., Conn.

" prepariá. Bicknell
"N.H. to N.C. DC
Spms exd. N.H.

" canadensis, L.
"Vt. to Fla" DC

" trifoliata. Bicknell
"Me. to Conn." DC
Spms exd. Me., Vt.

Eupatorium sessilifolium ? Michx. (E. aquaticum L.)
"Conn. to Fla. Sparingly naturalized in Conn. near Bridgeport"

Washingtonia claytoni Britton (Osmorhiza brevistylis DC)
"Nova Scotia to mts. of N. C." &c
Spms exd. Me., Vt. Mass.

" longistylis Britton (Osmorhiza longistylis DC)
"Nova Scotia to mts of N. C." &c
Spms exd Mass., Conn.

Zizia aurea Koch
"Through Canada & Atlantic States" &c
Spms exd. Me., Vt. Mass., Conn.

" cordata Koch in DC Prodr.
"Eastern Canada to N. C." &c
Spms exd Conn.

Cicuta maculata L
"N. B. to Va." &c
Spms exd. N. H., Vt., Mass., Conn.

" bulbifera L.
N. S. to Md" &c
Spms exd Me., Vt., Mass., Conn.

Deringa canadensis Kuntze (Cryptotaenia canadensis)
"N. B. to Ga." &c
Spms exd Vt., Mass., Conn.

Taenidia integerrima Drude (~~Zizia~~ integerrima Gray)
"Canada to N. C." &c
Pimpinella.
only by inference from New England
9 known records from Vt., R. I., Conn. in the Rhodora list

Sium cicutaefolium Gmelin
" Newfoundland to Va." &c
Spms exd Vt., Mass., Conn.

" carsonii Durand
" Maine to Penn." &c
Spms exd. Mass., Conn.

Ptilimnium capillaceum Raf. (Discoplenra capillacea &c.)
" Mass. to Fla" &c
Spms exd. Mass., Conn.

Lilaeopsis lineata Greene (Cranfgia lineata Nutt.)
" Mass. to Miss." &c "along the coast":
Spms exd Mass., R.I., Conn.

Ligusticum scoticum L. (L. scoticum L.)
" Labrador to Conn." &c
Spms exd Me., Mass.

Coelopleurum actaeifolium C.&R. (C. gmelini Ledeb. is only found in Alaska.
C. ~~actaeifolium~~ gmelini Fruit with lateral ribs broader than the others
C. actaeifolium " " equal " .)
" Mass. Bay to Labrador" &c
Spms exd Me., Mass.

Thaspium trifoliatum Gray (Thaspium atropurpureum Nutt)
"R. I. to N. C." &c

" trifoliatum aureum Britton
"New England to Ga" &c
No New Eng. spms exd.
Not in my list.

(" barbinode Nutt
"N. Y. to N. C." &c Conlin & Rose.
I have a reference to Conn. in my Rhodora list.)

Conioselinum chinense B. S. P. (C. canadense Tor. & Gray)
"Labrador to mts. of N. C." &c
Spms exd Me., N. H., Vt., Mass.

Angelica villosa B. S. P. (A. hirsuta Muhl.)
"Conn. to Fla." &c
Spms exd. Conn.

" atropurpurea L.
"Labrador to Dela." &c
Spms exd Vt., Mass., Conn.

Heracleum Lanatum Michx.
"Canada to N. C." &c
Spms exd. Vt., Mass., Conn.

Introduced Species.

Coriandrum sativum L.

Spms cyd. Martha's Vineyard Mass., Burgess. 1893.

Not on my list in Rhodora.

Bifora radians Bieb.

Providence, R. I., Bennett

Conium maculatum L.

Spms cyd. Manchester, Vermont, M. A. Day, 1898.

Bupleurum rotundifolium L.

"N. N. & M. C." de

" odontites, L.

Mass. reported by Deane.

Carum carvi, L.

Spms cyd N. H., Vt., Conn.

Pimpinella anisum L (P. anisum Willd.)

Mass. reported by Deane.

Aegopodium podagraria, L.

Spms cyd. Mass., R. I.

Introduced species

Aethusa cynapium L.

Reported from various stations in New England.

Spms exd, Mass.

(Foeniculum ~~vulgare~~ foeniculum Karst (F. vulgare Gaertn.)

Not reported from New England

9 have a Conn. record in my Rhodora list.)

Levisticum levisticum Karst (L. officinale Koch)

Conn. Deane

Spms exd. Vt.

Pastinaca sativa L.

Spms exd. Vt., Mass., Conn.

Daucus carota L:

Exceedingly common in North America

(including New England only by inference)

9 have it from all six states.

in my Rhodora list.

(Berula erecta Coville (B. angustifolia Mert. & Koch)

No New England station.

9 have a Mass. record in my Rhodora list)

Walter Deane

Examinations & records not in my
Rhodora list.

Sanicula canadensis Bicknell
N. H. + Walpole Tornado 1899.

" trifoliata Bicknell
Me. + Manchester, Scribner, 1873.

Thaspium trifoliatum aureum Britton
New England.

Coriandrum sativum L
Mass. +

Umbelliferae

Coulter & Rose, 1900

Specimens examined by Walter Deane. Feb, 1901

Rhododendron

Canescens - Porter

New Hampshire -

Walpole - Gravelly bank of Conn. R.
Aug. 2, 1899. M. L. Fernald.
Hb. N. E. B. C.

Jaffrey. 1899 E. F. Williams
Hb. E.F.W.

R. canescens

Vermont.

Manchester - May 29, 1899. Mrs. W. H. Graham. Hb. Gray

(369) June 29, 1898. Mary A. Day Hb. N. E. B. C.

Lake Dunmore - fl. June 16, 1897 } Ezra Brainerd.
fr. Sept. 17, 1882 } Hb. Deane

W. Rutland 1895 E. F. Williams Hb. E. F. W.

R. nudiflorum . Torr

R. canescens

Massachusetts -

Concord, 1862. Horace Mann. Hb. Deane.

Ashburnham, May 29, 1896. Lizzie Harris Hb. N.E.B.C.

Montague - June 16, 1888. J. R. Churchill Hb. Deane
stamens exserted

Pittsfield - Wm Oakes. Hb. Gray

{ ~~Montague~~ June 13, 1888. J. R. Churchill.
Leverett, Mt. Toby. Hb. Churchill.
Stamens exserted length of tube of corolla.

R. canescens

Rhode Island

Providence. woods, June, 1844. Geo. Thurber.
Ah. Gray

R. causeens

Connecticut.

R. nudiflorum. Torr.

New Hampshire.

R. nudiflorum

Vermont.

R. nudiflorum.

Massachusetts.

Dedham. May 30, 1880. H. A. Young
Hb. N. E. B. C.

Norwood, 1897. E. F. Williams. Hb. E. F. W.

R. rudiflorum

Rhode Island.

Providence, woods, June 1844, Geo. Thurber.
Hb. Gray

Warwick, Banks of Pawtuxet River.
June 9, 1885, J. T. Collins.
Hb. Gray

Providence, Elmwood, Miner's woods,
May 17, 1894. J. T. Collins
Hb. N. E. B. C.
" J. T. C.

R. rudiflorum

Connecticut.

Bridgeport. dry copse. May 24, 1896, E. H. Eames. Mh. Dear.

Southington. shades, May 22, 1898. L. Andrews. Mh. 9n.

Specimens with characters of the two species —

R. canescens × nudiflorum.

Massachusetts.

Townsend. July 17, 1886 Hb. N. E. B. C.

Leaves of nudiflorum
Flowers " canescens densely glandular.
Pedicels " nudiflorum striose

Rhode Island

Cranston. May 6, 1886 J. F. Collins, Hb. N.E.B.C.

{ Leaves of nudiflorum
Flowers " canescens densely glandular
Pedicels " nudiflorum striose.

{ New Bellefont. May. 1887. J. F. Collins. Hb. J.F.C.
canescens but pedicels striose + stamens long exserted

{ Rhode Island. Herbarium Olneyanum.
Leaves of nudiflorum. narrow. canescent but young.
pedicels " " striose
flowers " canescens densely glandular.
stamens long-exserted.

Connecticut

Southington. July 7, 1898. C. H. Bissell Hb. N.E.B.C.
Leaves of nudiflorum
Flowers " canescens densely glandular
Pedicels " nudiflorum striose

Southington. July 1, 1899. L. Cendrens (804) Hb. N.E.B.C.
Leaves of nudiflorum
Fruit ~~Flowers~~ & pedicels of canescens densely glandular.

"Note on a sheet at the Gray Herbarium
made by Mrs Oakes referring to
Rhododendron nudiflorum. (including
R. canescens)

"

rare { Middlebury, Vt. Dr. James.
Fair Haven & Georgia Vt. Robbins
Pownal, Vt. Oakes.

South & West common.
very abundant in Ct.

Not known in the East & S. East & N. East.
the nearest I know is in Worcester Co., Mass.
"

	Me.	N.H.	Vt.	Mass.	R.I.	Conn.
R. nudiflorum				+	+	+
" canescens		+	+	+	+	

Rhododendron
canescens × nudiflorum

Deane, W.

Styles long, recurved = branches decumbent, rooting - sterile fls often in separate heads

S. Mary. Fr. large, ovoid, sessile, spreading: pericarp coriaceous, thickened: bristles stout, bulbous at base: sterile calyx deeply parted, divisions lanceolate, very acute: gen. umbell 2-comp. about ½ length of plant: stem leaves 2 or 3: larger leaves 7-nerved: involucral leaves cleft: comm. scar elliptic: seed furrowed ventrally: oil tubes large.

S. Agassizii. Fr. small. ovoid. short-ped. reflexed: pericarp thin: bristles weak, not bulbous at base: sterile calyx cleft, divisions ovate, obtuse: general umbell 3-comp. about ½ length of plant: stem leaves 1: larger leaves 5-divided: involucral leaves & leaflets: comm. scar linear: seed not furrowed: oil tubes small.

Styles short included: branches mainly alternate & ascending: sterile fls not in separate heads

S. Carr. Fr. small; subglobose, short ped, pericarp reflexed: bristles weak: larger leaves mostly 5-divided: comm. scar narrow: oil-tubes 5 large: fruit-bearing rays 1" to 5" long shorter than in any other of the Species.

S. Tuf. Fr. large, ellipsoid, sessile. reflexed: bristles stout: leaves large constantly 3-foliate: comm. scar broad: oil-tubes 2 large, minute small ones: fruit bearing rays about 1 in. long. Sepals of mature fruit form a conspicuous beak

Lonicera Maryland Camden's

1. Both Sp. created by Linnaeus - Sp. Pl. 1753.

3. Pursh (Fl. No Amer. 1814) admits both Sp. separating them by leaves only - He calls S. Can. a doubtful species —

2. Michaux (Fl. Boreali-Amer 1803) admits as S. Maryland with comma

Torrey (Fl. U.S. 1824) retains

4. Canadensis as a var. of Maryland

Torrey & Gray (Fl. N. Amer 1-602) 1838 make Can. Syn of Mary.

Dr Gray was then 28 yrs. old.

6. A little later Torrey (Fl. State N.Y.) restores Can to Sp. rank

Since then, recent authorities have held Can as variety.

7a Gr. (3 y, 1887) thus sp. separate.

8. Coulter & Rose (Revision of N. A. Umb.

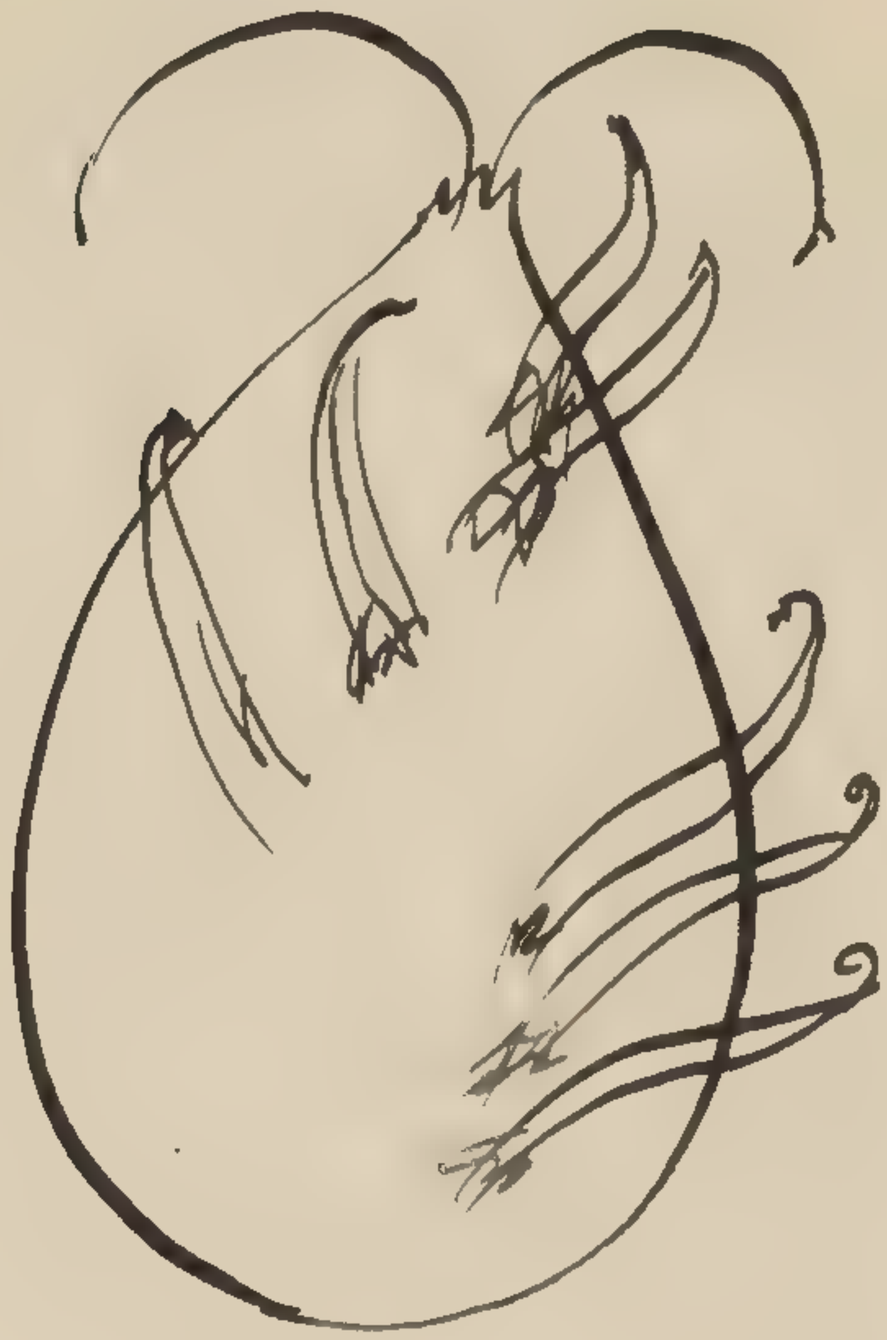
1888) keep Can as var. saying
"In studying all our sp. of Sanicula
it becomes apparent that the characters
which have been used to set apart
S. Marg from S. Can are not specific
they can always be separated, but
the distinctions are only varietal."

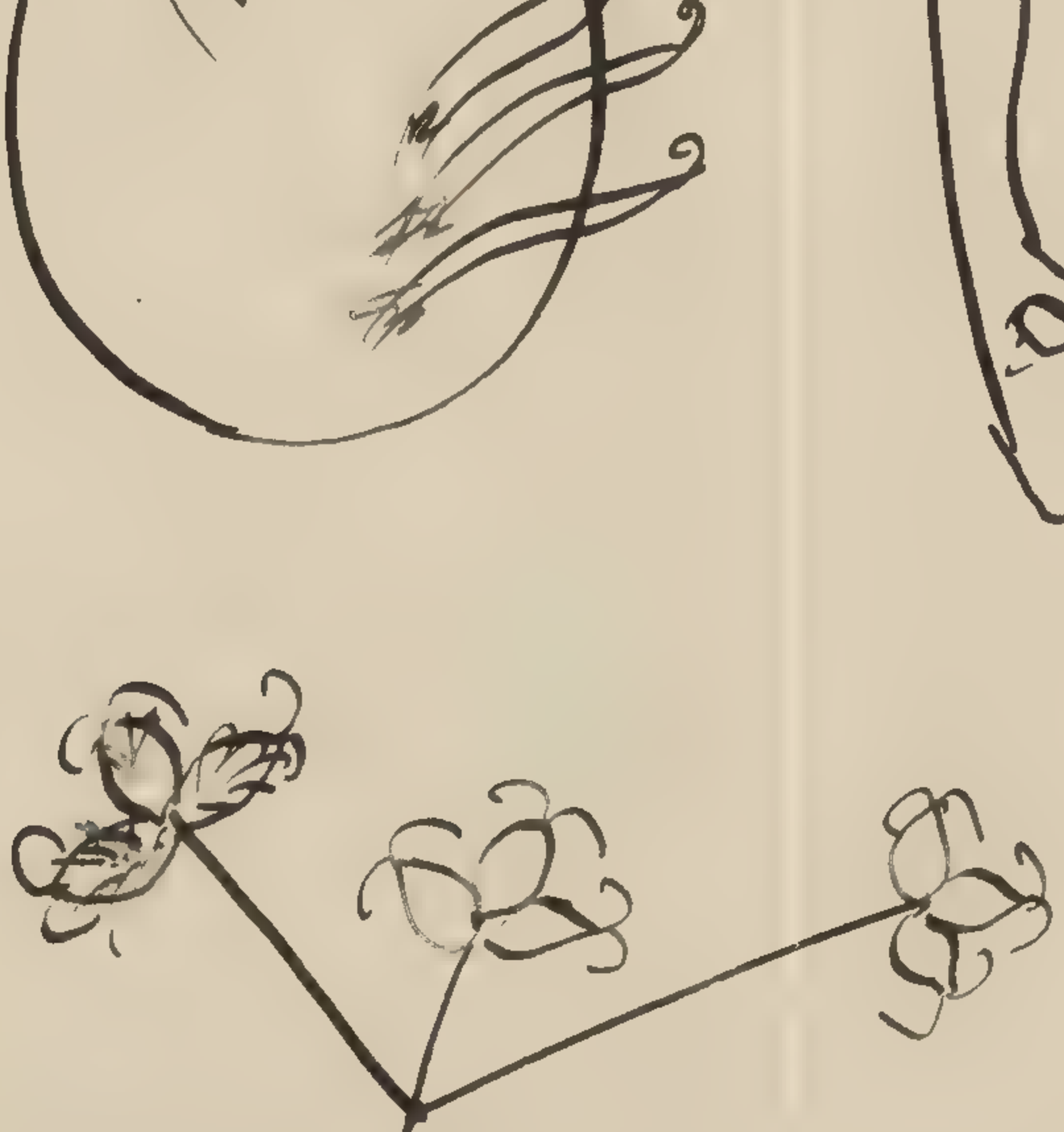
7. Gray Man. (Eds 1-2-3-4-5)
maintain the sp separate.
basing the distinctions thus

S. M. stems few numerous nodulose
petioles - styles elong. conspic. recurved
S. C stems few, scarcely petioled.
styles shorter than pubescence of fruit.

9. Gray Man. Ed. 6 (1890)
reduces Can & var.
Dr. Watson

10. Bicknell (Torr. Bull. XXII. 1895) makes Y sp
S. marg. [illegible]. Can. trif





General habit of plant

Leaves - 2 or 3 ancestrum

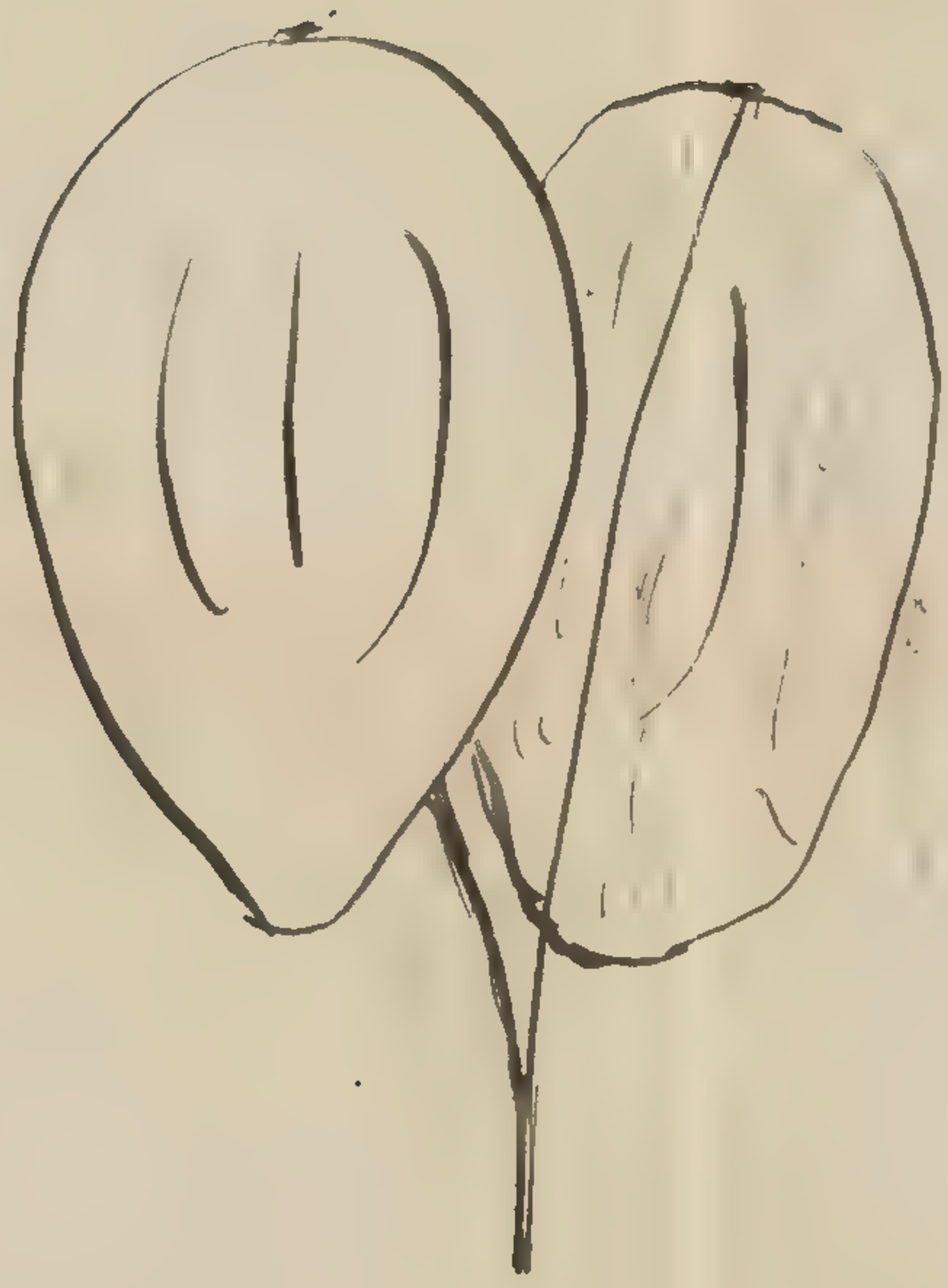
Inflor. 2 - compound -

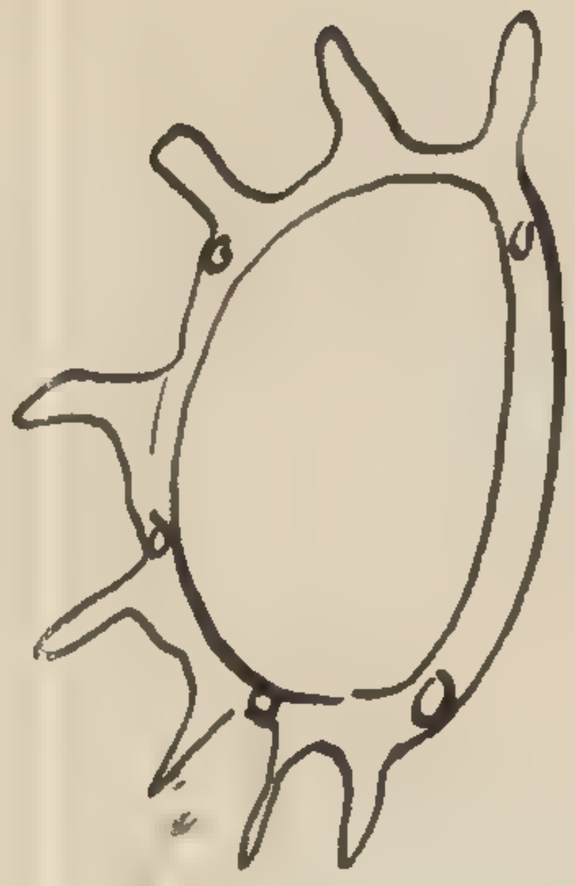
fruit seeds shrestors

shape ovoid shapes long

S. Mary.

Trees to be found in the Botanic Gardens & Kew

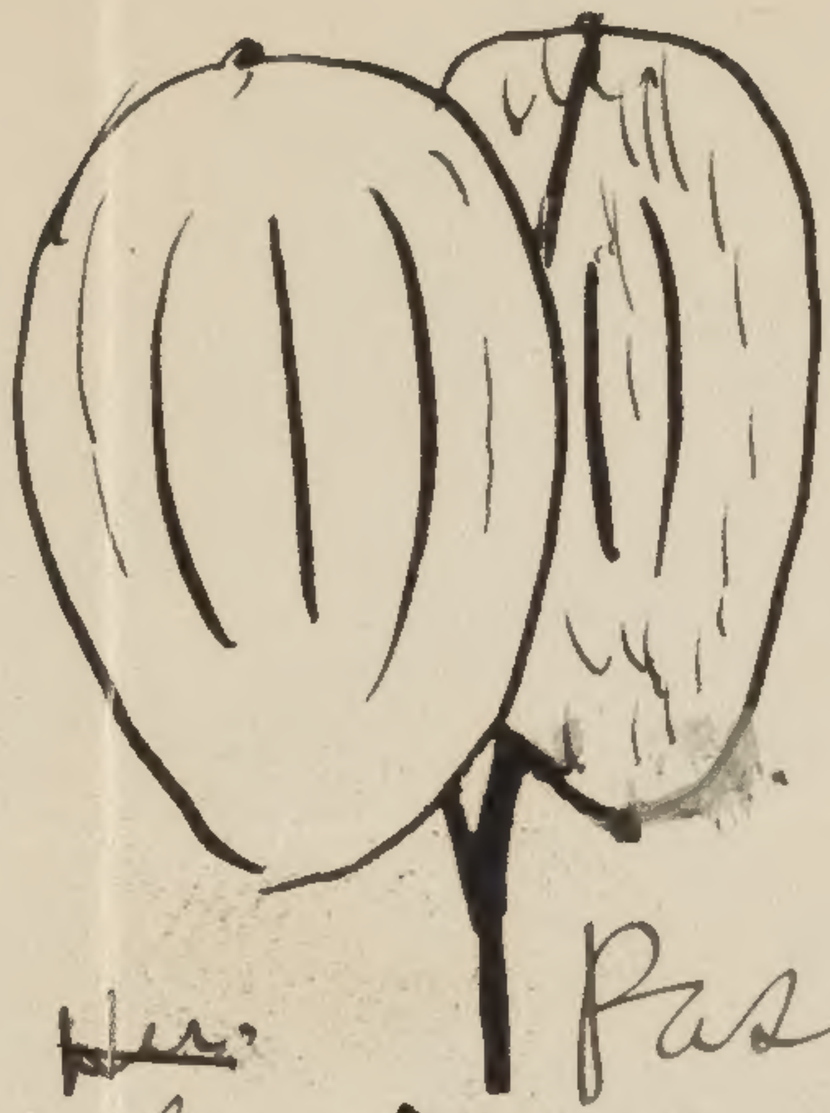




Leaves 1 in Clear
Infl. 3-compound
fruit. Shutterie. re-
flexed, somewhat
4-sided.

S. Fla.

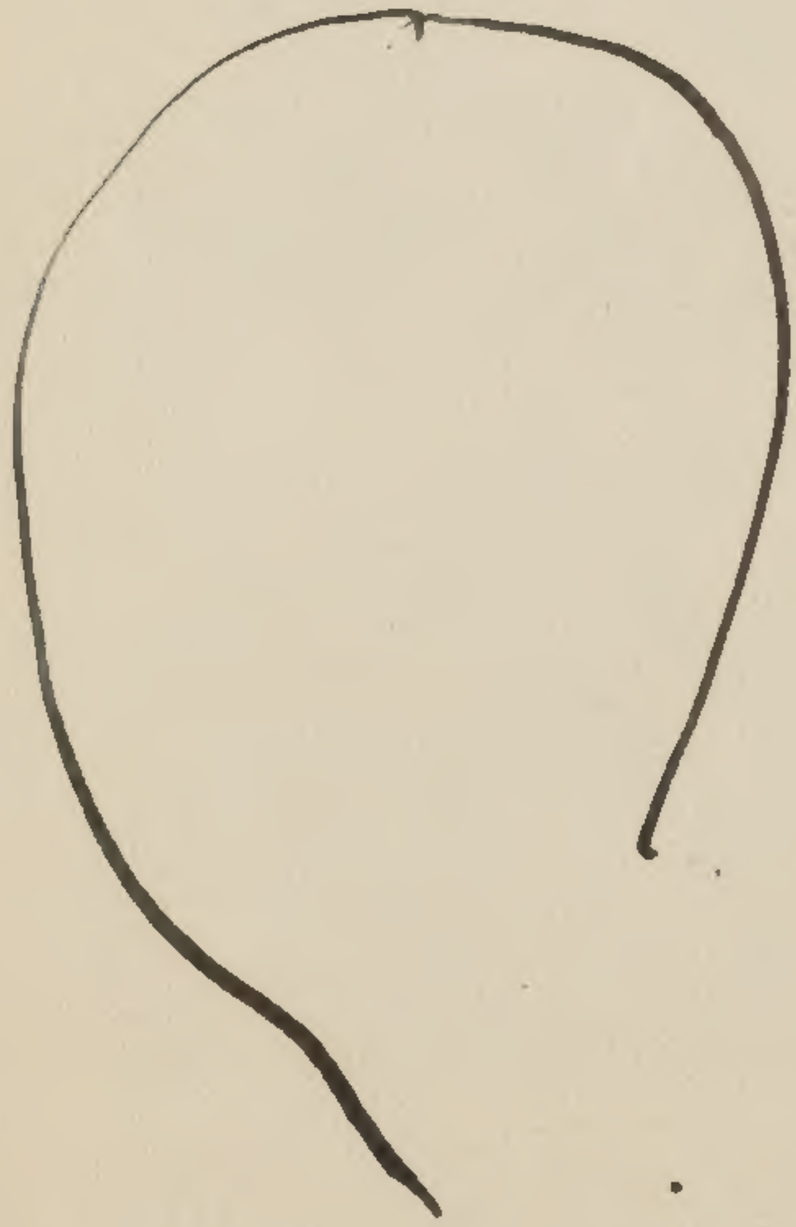
mar N.H. cq, N.Y, Va,
Kansas, Arkansas, Nebraska
Ark Fla;



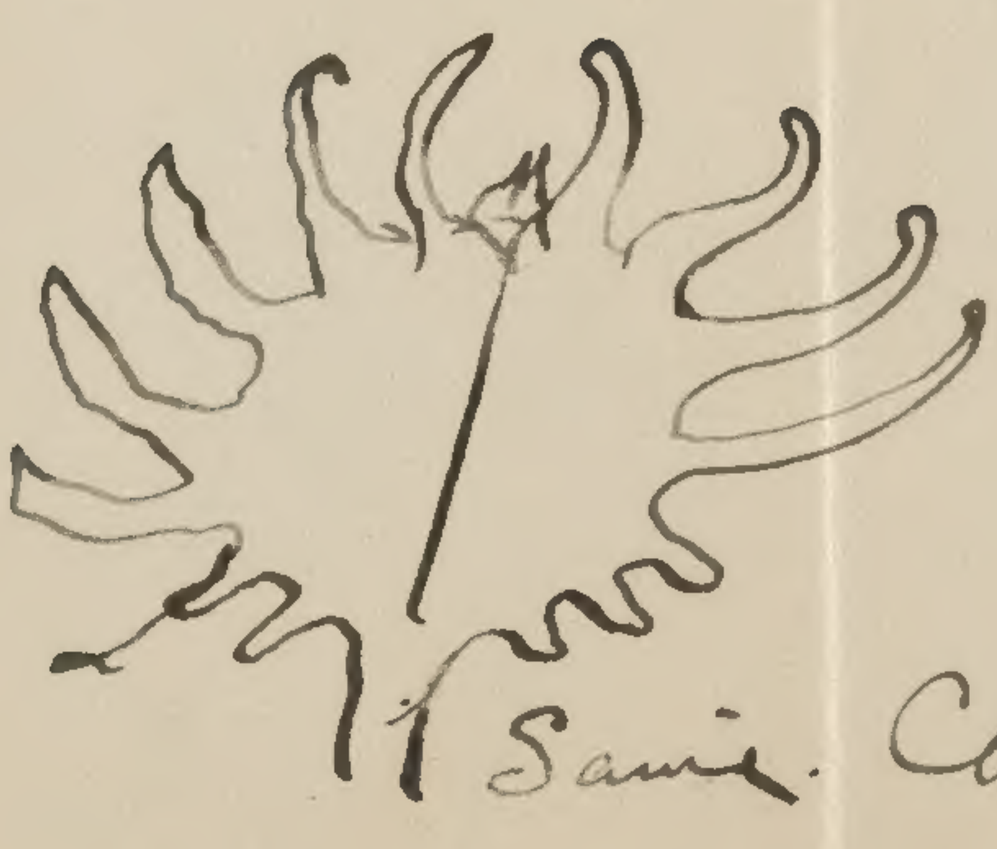
Hoja

Pastinaca

Lactuca



Semen cucumis



Semen Cucumeris C. & R.

Deane, W.

Sanicula

Doubtful X rejected

Ligusticum actaefolium
Bigelow Flora 3d Ed. mass

Ligia canadensis
Vt. Fl. Vt Perkins
B.X " Oakes
"not verified in Latitude." Brainerd

Sanicula canadensis
R. I. Olney 1846

Gay. frondosa
Vt; Oakes
"doubtless an error" Brainerd.

Andromeda polifolia
R. I. Olney 1844

Leucothoe Racemosa
Vt. Fl Vt. Perkins. Hit
authority in Oakes in Thompson's Vt

Rhus ~~typhina~~ vernix
Vt. Oakes
"no known Vt. Spec" Brainerd.

Dear W.

Doubtful & rejected

Species